

Mechanical and Electrical Engineering, 6 pp.

SPANISH, rpt, Ingenieria Mecanica y Electrica,
Mexico, No 177, 1963, Extracts of pp 10-12.
(Call No TM 4 148, No 177, Eng Tr)

Army Map Service

Sci - Electron
Jan 64

248,808

Direct Distance Dialing in Mexico, by Erik Wallsten,
22 pp.

SPANISH, rpt, Ingenieria Mecanica y Electrica,
Mexico, No 147, 1963, pp 45-68. (Call No TA 4
148, No 147, Eng Tr)

Army Map Service

Sci - Electron
Jan 64

248,809

INGENIERIA NAVAL
1951 N309 1108-116

70-23541 <*>

ORDER FROM NTC

Application of the Membrane Effect to Ships:
Hull-Plates, by Erich Vollbrecht, 13 pp.

SPANISH, per, Ingeniera Naval, No 245, Nov 1955,
pp 744-752. CIA 9011263

ACSIL Tr 930

Sci - Eng
Aug 57

51,040

THE CAPACITY OF THE SPANISH SHIPTARDS AND
THEIR CONSTRUCTION WAY OUTPUT, BY JOSE
BENITO PARGA, 8 PP.

SPANISH, PER, INGENIERIA NAVAL, NO 309,
MAR 1961, PP 108-116.

NAVY TR 2928/ONI 878

LA - SPAIN
ECON
NOV 6L

173.17x 2

173.17x 2

Electronics and Statistics as Fundamental Factors in
Automatic Quality Control in Spinning Mills, by
L. Viertel,

FRENCH, per, Ingenieria Textil, No 143, 1960,
pp 137-151.

GB/39/HO. 1426

Sci
Dec 62

Oiling for Strength, by L. Mauri.

FRENCH, per, Ingenieria Textil, Vol XXIVII,
1960, pp 215-223.

CSIRO 5423

Sci - Fuels
Aug 62

211, 169

Direct Conversion of the Chemical Energy (N/ P.
311) of Coal Into Electrical Energy, by C.
Caputo.

ITALIAN, per, Ingenero, Vol XXIX, Jul 1955,
pp 763-775.

Dept of Int
US Bur of Mines
Central Exper Sta
Pitts., Pa. Tr 524.

Sci - Chem, Electron

Jun 59

89,964

Artificial Satellites and Interplanetary Flights,
by F. Mardus.
SPANISH, rpt, Ingenieros y Arquitectos de
Guadalajara a. e., Mexico, No 70, Sep 1963.
NASA TT F-8559

Sci - Aero
May 64
U.S. GOVERNMENT ONLY

258,639

Ingenieros de Aviacion.

ENGLISH to SPANISH, Training Manual, Aviation
Engineers, TM 5-255, 19 Aug 1947.

Sales Agency
US Govt Printing Office
Hq, USARCARIB
Fort Amador, Canal Zone
\$2.00

Completion of Works Under Increased Air Pressure
in the Building of a Traffic Tunnel Under the
IJ River at Amsterdam, by L. P. Sikkel.
DUTCH, per, De Ingenieur, Vol 77, Part 5, pp G53-
G61 and Vol. 78, No 17, part 6, pp G63, G67
NZDIA

Sci -
Jul 67

334,127

The Measurement of Temperature in Gases
& Flowing at High Speed, by D. Viets,
GERMAN, per, Ingenieur, Vol LXVII, 18 Feb,

ASLIB GB 17/444

May 58

63,326

The Heat-Transfer of Solid Bodies on Liquids of
Turbulent Flow, by F. K. Th van Iterson.

GERMAN, per, De Ingenieur, 24 Apr 1926, 35 pp.

Dept of Interior
Bur of ~~EE~~ Mines

Sci - Phys

Apr 58

61,161

TT-61-18255

Six, W., Snoek, J. L., and Burgers, W. G.
A NEW MAGNETIC CORE MATERIAL FOR LOADING
COILS (Een Nieuw Magnetisch Materiaal voor de
Kernen van Pupinspoelen). [24p] 2 refs.
Order from SLA \$2.60

TT-61-18255

Trans. of de Ingenieur (Netherlands) 1934, v. 49,
no. 52, p. E195-E200.

I. Six, W.
II. Snoek, J. L.
III. Burgers, W. G.

(Engineering--Electrical, TT, v. 12, no. 5)

Office of Technical Services

Phenomena Accompanying the Simultaneous Flow of Gases
and Liquids, by A. J. Ter Linden, 9 pp.

DUTCH, per. Ingenieur (Utrecht), Vol LIV, 1939,
pp 25-29,

AEC-tr-1783

A. J. Ter Linden

Scientific - Engineering

11,048

Errors in Static Temperature Measurements, by A. B. Mihnjeer.

~~GERMAN~~, per, De Ing, No 1, 1945, pp 12-14.

TIL Tr 4821

Sci - Physics
Jan 58

56,595

Conditions for Reduction of Nickel Hydrosilicates, by
M. H. Caron, 28 pp.

DUTCH, per, De Ingenieur, Vol XXIV, 1947.

SLA R-3419

Sci

Aug 59

95,702

Bendegom, L. van.
SOME THOUGHTS ON RIVER MORPHOLOGY AND
RIVER IMPROVEMENT (Eenige Beschouwingen over
Riviermorphologie en Rivierverbetering) tr. by
D. A. Sinclair. 1963, 28p. NRCC Technical trans.
1054.

Order from NRCC \$1.50

NRCC C-4285

Trans. of de Ingenieur (Netherlands) 1947, v. 59, no. 4,
p. B1-B11.

DESCRIPTORS: Rivers, *River currents, *Hydrodynam-
ics, Netherlands, *Hydrostatics, Construction,
Numerical analysis, *Sund, Motion, Navigation.

(Mechanics--Hydrodynamics, TT, v. 9, no. 9)

63-12883

I. Bendegom, L. van
II. NRCC TT-1054
III. NRCC C-4285
IV. National Research
Council of Canada

Office of Technical Services

A Possible Cause of Destruction of Slide Bearings
in Fast Motors, by B. C. Kroon

DUTCH, per, De Ingenieur, Vol LIX, No 3, 17 Jan
1947, pp 1-8; No 12, 21 Mar 1947, pp 25-56.

Navy Tr 1364/BuShips 614

Sci - Engineering
Dec 56 CTS

41,168

Haas, A. M.
DESIGN AND CONSTRUCTION OF FLAT SLAB
FLOORS. [1961] 36p. 8 refs.
Order from SLA \$3.60

61-18963

Trans. of de Ingenieur (Netherlands) 1949, v. 61,
no. 10, p. BT 19-26 and no. 13, p. BT 27-35.

DESCRIPTORS: *Floors, *Reinforced concrete,
Design, Construction, Beams, *Structures, Mathe-
matical analysis, Stresses, Theory.

(Engineering--Civil, TT, v. 6, no. 10)

61-18963

I. Haas, A. M.

187316

Office of Technical Services

61-18999

Duyster, H. C.
THE CONSTRUCTION OF AIRCRAFT HANGARS
WITH SPANS OF 164 FT. AND 377 FT. IN PRE-
STRESSED CONCRETE AT THE MEISBROEK AIR-
FIELD NEAR BRUSSELS. [1961] 32p. 3 refs.
Order from SLA \$3.60 61-18999

Trans. of *de Ingenieur* (Netherlands) 1949, v. 61,
no. 18, p. BT37-BT48.

DESCRIPTORS: *Hangars, Construction, Materials,
Design, Concrete, Landing fields, Belgium.

(Engineering--Aeronautical, TT, v. 7, no. 1)

1. Title: Prestressed concrete
1. Duyster, H. C.

Office of Technical Services

Hartmann, J. A. H.
THE PRESTRESSED CABLE. [1961] 4p.
Order from SLA \$1.10

61-18998

Trans. from de Ingenieur (Netherlands) 1950, v. 62,
no. 21.

DESCRIPTORS: *Steel wire, Tensile properties,
*Reinforced concrete, Concrete, Processing, Wire.

(Engineering--Civil, TT, v. 7, no. 1)

61-18998

I. Hartmann, J. A. H.

Office of Technical Services

1
Seals for Rotating Shafts, by E. F. Boon,
LXII,
DUTCH, per, Ingenieur, Vol ~~XXX~~, No 29,
July 1950, pp 43-50.

Brit Hydomech Res assn
HYDME. 409
OT/1219

30,886

Sci - Engineering

The Info officers
Eastern Industrial Estate
Hawlow, Essex. England

An optical method for following machine
Processes, by J. P. Kean, J. D. Westerdyk,
5 pp.

DTIC, per, de Ingenieur, Vol. LXIII, No 26,
1951, pp 33-35.

ATS-43M30DU
ATS/843-P2
/83, 488

Sci

Mar 62

Instability of Thin-Walled Cylinders Subjected
to Internal Pressure, by J. A. Haringx.

FRENCH, no per, De Ingenieur, Vol LXIII, No 29,
1951, pp 39-41.

Henry Bratcher Tr 3215

\$4.65

43,906

Sci - Engineering
Feb 1957 CRS

Testing the Roundness of Shafts, by Boerdijk, 6 pp.
UNCLASSIFIED

DUTCH, per, De Ingenieur, 8 Feb 1952, pp W1-W6.

Navy Tr 775/BuShips 524

CTS/DEX

Scientific - Engineering

2758

Some Notes on Seals for Rotating and
Reciprocating Shafts, by E. F. Boon.

DUTCH, per, Ingenieur, Vol LXIV, No 12,
21 Mar 1952, pp 33-40.

Hydromechanics Research Assoc
T 459 OT/1226

WEur - Netherlands
Sci - Engineering

29,418

Factors Influencing Creep of Metals, by J. J.
de Jong, 32 pp.

~~DEJONG~~, par, Ingenieur (Utrecht), Vol LXIV, No
28, 1952, pp 92-101.

AEC 3383

Sci - Min/Mat

Nov 58

76,439

Influence of Axial Blade Height on the
Theoretical Head of Radial Flow Turbomachinery
(Pumps and Ventilators), by E. Iurzolla.

ITALIAN, per, Ingegneri, 1952, pp 417-425.
D.S.I.R./26774
D.S.I.R./27573

Sci - Engineering
Apr 57 CTS/dex

46, 426

Modern Galvanometers, by W. J. Reichert.

DUTCH, per, Ingenieur, No 5, 1953, pp 20-23.

R.A.E. (Farnborough) Tr 580

Sci - Engineering

39,923

Investigation of Asphalt Solutions with the
Phase Contrast Microscope, A.P.F.Kist.
DUTCH, per, de Ingenieur, 1953, vol.65, no.10,
pp. B43-B49.
ATS-81R77DU

Mat/Metal
Aug 86

307,689

Amstel Bridge at Amsterdam in (Government Highway
No 2 Constructed Partly With Prestressed Con-
crete Deck, by G. F. Janssonius, 9 pp.

DUTCH, per, de Ingenieur, Vol LXV, No 19,
1953, pp V23-V28.

SLA 61-40233

Sci
Mar 62
Vol VII, No 3

188, 072

Optical Image Formation Without Lenses or Mirrors,
by A. C. S. Van Heel, UNCLASSIFIED

DUPON, per, Ingenieur, Vol LXV, No 24, 12 Jun 1953,
pp 25-27.

SLA - 240
TPA3/TIE
T 4242

15,392

Scientific - Physics

Direct Generation of Electricity by Means of Fuel
Cells, by J. Ketelaar.

DUTCH, per, Ingenieur, Vol XXXIV, 1954.

ASLIB-GB125

Sci
Aug 58

70,479

Errors in static temperature measurements, by
A. B. Mijneer, 5 pp.

DUTCH, per, Ingenieur, 67, no 1, p 7-1, 1955.

SLA 58-524

Sci

Aug 59

94,425

The Applicability of a Method of Precision
Alignment, by J. G. Doekes, W. de Bruin.

DUTCH, per, Ingenieur, Vol LXVII, No 10, 1955,
pp 0.43-0.46.

D.S.I.R./27010

Sci - Engineering
Apr 57 CTS/dex

46,425

Corona-Resisting Lacquer in High Voltage Machines,
by P. H. Kreuger.

DUTTECH, per, Ingenieur, Vol LXVII, No 39,
1955, pp 107-110.

CSIRO

Sci - Engr
Jun 62

201,127

Symposium on Coolers and Condensers, IV.
Water Cooled Condensers for Refrigeration
Plants, by G. Seffinga.

DUTCH, per, Ingenieur, Vol LXVIII,
1956.

CSIRO

Sel - Engr
Jan 62

199, 641

Experience with Rubber Membrane Gas Compressors,
by L. Sterkman.

WT DETAIL, per, Dr. Lagonieur, Chapters 3, 5, 7, & 8,
2 Mar 1958.

ERDL, Ft Belvoir E- 282

Sci - Engr
Jan 62

179.362

Jong, G. de J[osselin] de.
WHAT HAPPENS IN THE SOIL DURING PILE
DRIVING? [1964] 25p
Order from ATS \$29.85 ATS-23Q73DU

Trans. of [de] Ingenieur (Netherlands) 1956, v. 68,
no. 25, p. B77-B88.

(Engineering--Civil, TT, v. 11, no. 12)

TT-64-12781

I. Jong, G. de J. de
II. ATS-23Q73DU
III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Dimensionless Diagram for Determining the Specific
Size and the Specific Speed of Various Types of Fans
and Other Flow Machines, by H. B. Bouwman.

DUTCH, per, Ingenieur, Vol LXVIII, No 9, 1956,
pp 23-27; Vol LXVIII, No 11, pp 31-39.

DSIR/28700/CT

Sci - Engr
Feb 58

58,740

The Measurement of Rapidly Fluctuating
Gas Temperatures, by E. J. Diehl.
DUTCH, per, Ingenieur, Vol 68 E, No 36,
1956, pp 91-95.
NLL Ref: 3774.5 (1812)

Sci-Phys
May 69

380,688

Chimney Construction for Houses. Pt. I Structural Principles. Pt. II Thermodynamic and Aerodynamic Principles, by J. H. Grolle Pt. I, A. Adam Pt. II.

DUTCH, per, De Ingenieur, Vol LXVIII, No 40, 1965, pp 51-60.

CSIRO
Natl Res Council, Canada
TR No 728

Sci - Engr

Mar 60

111, 281

The Use of the Heat Pump in Distillation, by P.
Hijmans.

DUTCH, per, Ingenieur, Vol LKVIII, No 46, Nov
1956, pp 73-80.

ASLIB-GB39

Sci

Aug 58

71,353

Double Earth Faults, by C. O. Nordendorff.

GERMAN, per, Ingenieur, No 31, 1956, pp 620-626.

C.S.I.F.O.

Sci

May 60

115, 751

61-25639

Hulst, H. C. van de.
THE IMPORTANCE OF RADIOASTRONOMY. Pt. 1 of
The Radioastronomical Observatory at Dwingeloo.
[1961] 5p.
Order from ATS \$9.25

ATS-80N54DU

Trans. of de Ingenieur (Netherlands) 1957 [v. 69]
no. 3, p. 1-3.

DESCRIPTORS: *Radioastronomy, *Astronomical
observatories, Netherlands.

I. Hulst, H. C. van de
II. ATS-80N54DU
III. Title: Radioastronomical...
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

61-25639

Office of Technical Services

(Astronomy, TT, v.6, no. 11)

Schor, R. J. THE MECHANICAL CONSTRUCTION OF THE 25-m RADIOTELESCOPE. Pt. 3 of The Radioastronomical Observatory at Dwingeloo. [1961] 11p. Order from ATS \$17.20 ATS-82N54DU Trans. of de Ingenieur (Netherlands) 1957 [v. 69] no. 3, p. 8-14. DESCRIPTORS: Radio astronomy, Radio equipment, *Telescopes, Construction, Astronomical observatories, Netherlands. (Astronomy, TT, v. 6, no. 11)	61-25641 I. Schor, R. J. II. Title: Radioastronomical... III. ATS-82N54DU IV. Associated Technical Services, Inc., East Orange, N. J. 100010 Office of Technical Services
--	---

Huisman, W.
THE FOUNDATION OF THE RADIOTELESCOPE.
Pt. 4 of The Radioastronomical Observatory at
Dwingeloo. [1961] 3p.
Order from ATS \$4.00 ATS-83N54DU
Trans. of de Ingenieur (Netherlands) 1957 [v. 69]
no. 3, p. 14-15.

DESCRIPTORS: Radio astronomy, Radio equipment,
*Telescopes, Design, Astronomical observatories,
Netherlands.

(Astronomy, TT, v. 6, no. 11)

61-25642

I. Huisman, W.
II. Title: Radioastronomical...
III. ATS-83N54DU
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Schlierbeek, B. B.
THE CONSTRUCTION OF THE COORDINATE
TRANSFORMER. Pt. 5 of The Radioastronomical
Observatory at Dwingeloo. [1961] 5p.
Order from ATS \$10.75 ATS-84N54DU

Trans. of de Ingenieur (Netherlands) 1957 [v. 69]
no. 3, p. 15-18.

DESCRIPTORS: Radio astronomy, Radio equipment,
Transformers, Construction, Astronomical
observatories, Netherlands.

(Astronomy, TT, v. 6, no. 11)

61-25643

- I. Schlierbeek, B. B.
- II. Title: Radioastronomical...
- III. ATS-84N54DU
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

188712

Office of Technical Services

Jobsis, G. H.
THE ELECTRICAL DRIVE. Pt. 6 of The Radio-
astronomical Observatory at Dwingeloo. [1961] 3p.
Order from ATS \$4.75 ATS-85N54DU

Trans. of de Ingenieur (Netherlands) 1957 [v. 69]
no. 3, p. 18-19.

DESCRIPTORS: *Radio astronomy, Radio equipment,
Astronomical observatories, Netherlands.

(Astronomy, TT, v. 7, no. 4)

61-25644

- I. Title: Electric drives
- I. Jobsis, G. H.
- II. Title: Radioastronomical . . .
- III. ATS-85N54DU
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

[Leonhardt, Fritz].

RECENT GERMAN PRESTRESSED CONCRETE
BRIDGES WITH CONCENTRATED TENDONS [AND]
FAN ANCHORAGES FOR LARGE PRESTRESSING
CABLES. [1961] 47p.
Order from SLA \$4.60

61-18982

Trans. of de Ingenieur (Netherlands) 1957, v. 69,
no. 20, p. BT45-BT53.

DESCRIPTORS: *Bridges, *Concrete, *Wire, Beams,
Construction, Friction, Reduction, Girders, Rein-
forcing steel, Jacks (Mechanics), Circular coils,
Anchors, Germany.

(Engineering--Civil, TT, v. 8, no. 5)

61-18982

1. Title: Prestressed concrete
1. Leonhardt, F.

Office of Technical Services

Kok, J. A.
ELECTRIC BREAKDOWN PHENOMENA IN LIQUID
INSULATORS. [1961] 10p.
Order from ATS \$14.95 ATS-44NS1DU

Trans. of de Ingenieur (Netherlands) 1957, v. 69,
no. 27, p. 87-92.

DESCRIPTORS: *Insulating materials, *Liquids,
*Electric discharges

(Engineering--Electrical, TT, v. 6, no. 3)

61-22632

- I. Title: Breakdown
- I. Kok, J. A.
- II. ATS-44NS1DU
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/282-16

17533.

Office of Technical Services

Origin and Propagation of Impulse Voltages, by
P. G. Provost,

DOUBT
~~GERMAN~~, per, Ingenieur, Vol LXIX, No 48,
pp 155-163, 1957,

C.S.I.R.O.

Sci - Eng

May 60

116,433

Kok, J. A.
ELECTRICAL BREAKDOWN PHENOMENA IN LIQUID
INSULATORS. [1961] 6p.
Order from ATS \$10.70

ATS-43N51DU

Trans. of de Ingenieur (Netherlands) 1957, v. 69,
no. 50, p. E179-E181.

DESCRIPTORS: Insulating materials, *Liquids, *Elec-
tric insulation.

61-22946

I. Title: Electrical
breakdown

I. Kok, J. A.

II. ATS-43N51DU

III. Associated Technical
Services, Inc., East
Orange, N. J.

ATS/783-D2

177770

Office of Technical Services

(Engineering--Electrical, TT, v. 6, no. 4)

The Dwingeloo Radio-Astronomical Observatory, by
D. G. Hoogheudt, R. J. Schor, B. B. Schierbeck.

DUTCH, per, De Ing, Vol LXIX, No 3, 1957.

TIL Tr 4826

Sci - Electronics
Mar 58

59,171

Practical Flow Measurements by Means of
Radioactive Substances, by W. Weeda.

DUTCH, per, Ingenieur, No 9, 1957,
0.23-0.29.

CSIRO

Sci - Phys
Nov 61

174,398

Open Air Swimming Pools of Simple Design, by J.H. A.
Hardeman,
FRENCH, per, Ingenieur, Vol 71, No 2, 1959, pp G 3-5
NZDSIR/Ref No 770

Sci -
Aug 67

335,081

Specifications for Water used in Swimming Pools, by
D.L. Kedde.
FRENCH, per, Ingenieur, Vol 71, No 4, 1959, pp G 11-19
NZDSIR/Ref No 771

Sci -
Aug 67

335,085

R-971-N

A Continuous Countercurrent Adsorption with
Fluidized Beds, unsigned.

DUTCH, per, De Ingenieur, Vol ^{24??}XXIV, No 11,
12 June 1959, pp not Given.

Sci - Phys
Aug 62

*JPRS/US Publ Health Ser
Robt. A Taft Engrg. Cntr.
4676 Columbia Parkway
Cincinnati 26, Ohio
ATTN: Library

The Electric Power Supply in the Netherlands,
by J. C. van Staveren, 22 pp.

DUTCH, per, De Ingenieur, Vol LXXI, No 11,
1959, pp 157-163. (Call No. TA4 I59, Eng
Trans)

Army Map Service

Sci - Elec

14 Sept 62

211, 114

W. Machinery Construction and Shipbuilding. 7.
The Application of Vibration-Free (Isolation)
Mountings for Noise Reduction Purposes, by J. H.
Janssen, 10 pp.

DUTCH, per, De Ingenieur, Vol LXXI, No 12, 1959,
pp 71-78. 9070987

ACSIL 1269

Sci - Engr

Sep 60

125,545

Hardebol, J. FLOW AND TEMPERATURE EFFECTS IN THE VORTEX TUBE. [1961] 9p. Order from ATS \$15.10 Trans. of de Ingenieur (Netherlands) 1959, v. 71, no. 25, p. 21-25. (Physica, TT, v. 5, no. 12)	61-22340 1. Hilsch tubes-- Temperature factors 2. Fluid flow--Analysis 1. Hardebol, J. II. ATS-01NS1DU III. Associated Technical Services, Inc., East Orange, N. J. 160923 Office of Technical Services
--	---

The Airfoot, A New Method of Suspension Possibly
Applicable to Land and Water Vehicles, by E. J.
Diehl, P. van Steveren. UNCLASSIFIED

DURCH, per, De Ingenieur, Vol LXXII, No 12,
8 Mar 1960, pp 75-80.

Navy 2781/ROSHIPS 720

Sci - Engineering
May 61

SLA 60-18528
150,178

The Use of Analogue or Digital Computers in Solving
Heavy-Current Problems, Part II - Transients in a Three
Phase Induction Motor, by J. P. Blom.

DUTCH, per, De Ingenieur, No 25, 17 Jun 1960,
pp E.42-E.50.

BISI 2297

Sci - Eng

Sep 61

list 110

168,450

Management Development. Summary of the
Workgroup 41 Report in the Section for
Production Organization, by
J. A. Borggreve.
DUTCH, per, Ingenieur, Vol 72, No 14,
1960, pp A193-A194.
NTC 69-12508-05A

Sci-Beh & Soc Sci
Aug 69

388,467

Physical & Aspects of the Heat Exchange
Between the Human Body and Its Surroundings,
Especially by Radiation, by E. Van Gunst.

GERMAN, per, Ingenieur, No 49, 1960,
pp 61-71.

NZDIA

Sci
Dec 62

The Use of Analogue or Digital Computers in
Solving Heavy Current Problems. III, by
L. Hannakam.

DUTCH, per, De Ingenieur, Vol LXXII, 29 Jul 1960,
pp E.67-E.78, 12 Aug 1960, pp E.79-E.94.

BISI 2298

Sci - Engr

171, 425

Oct 61

SIMULATION OF A SYNCHRONOUS MACHINE WITH
AN ANALOGUE COMPUTER, BY P. COROLLER.

DUTCH, PER, DE INGENIEUR, 16 SEP 1960,
PP E.103-E.109. 9087594

BISI 2406

SCI - ENGR

NOV 61

172,269

TT-65-12455

Field 7A

Stemerding, S.
PNEUMATIC TRANSPORTATION OF CRACKING CATALYST IN VERTICAL CONDUITS. Paper presented at the Symposium on Pneumatic Transport, Utrecht, 25 Nov 59, 12p, 2refs.

Order from SLA: \$1.60 as TT-65-12455

Trans. of de Ingenieur (Netherlands) v72 n38 pCH121-6 1960. Another trans. is available from ATS \$18.40 as ATS-12N52DU, 12p.

I. Stemerding, S.
II. Title: Pneumatic ...

MR 633

TT-65-12456

Field 7A

Wijthoff, J.
PNEUMATIC TRANSPORTATION OF POWDERED CRACK-
ING CATALYSTS IN FLUIDIZED STATE. Paper pre-
sented at the Symposium on Pneumatic Transport., Utrecht,
25 Nov 59. 5p.
Order from SLA: \$1.10 as TT-65-12456

Trans. of de Ingenieur (Netherlands) v72 n38 pCH126-8 1960.

I. Wijthoff, J.
II. Title: Symposium ...

MR 633

TT-65-12457

Field 7A

Koppen, C. W. J. van.
PNEUMATIC TRANSPORTATION OF COARSE MATERIAL
IN A HORIZONTAL CONDUIT. Paper presented at the
Symposium on Pneumatic Transport. Utrecht, 25 Nov 59.
18p, 12refs.

Order from SLA: \$1.60 as TT-65-12457

Trans. of de Ingenieur (Netherlands) v72 n38 pCH128-36
1960.

I, Koppen, C. W. J. van
II, Title: Symposium ...

MR 633

Stemerding, S. PNEUMATIC TRANSPORT OF CRACKING CATALYST IN VERTICAL RISERS. Pt. 3 of Symposium [on] Pneumatic Transport. [1961] 12p. Order from ATS \$18.40 ATS-12N52DU Trans. of de Ingenieur (Netherlands) 1960, v. 72, no. 38, p. 121-126. DESCRIPTORS: *Pneumatic systems, *Catalysts, Hydrocarbons, Decomposition. (Engineering--Chemical, TT, v. 6, no. 4)	61-22919 I. Title: Risers 1. Stemerding, S. II. Title: Symposium ... III. ATS-12N52DU IV. Associated Technical Services, Inc., East Orange, N. J. ATS/882-D2 177753 Office of Technical Services
---	---

Optical Precision Measurements in the Field
of Civil and Mechanical Engineering, by
S. H. Liem, 34 pp.

DUTCH, per, De Ingenieur, The Hague, Vol LXXIII,
No 8, 1961, pp 33-42. (Call No TAH, I59)
Eng Tr)

AMS

Sci - Engr
Nov 61

173,456

A Method for Measuring Lateral Sensitivity of
Resistance Strain Gauges, by H. Wieringa, 14 pp.

DUTCH, per, Ingenieur, Vol LXXIII, No 22, 1961,
pp 103-109.

Natl Bu Stand

Sci - Engr

Dec 62

219,198

New Developments in the Field of Prestressing
Tendons With Big Prestressing Forces According to
Different Points of View (Parts 1 & 2), by
Bouvy.

~~GERMAN~~, per, De Ingenieur, Part 1-Vol LXXIII, No 39,
1961, pp 113-127; Part 2-Vol LXXIII, No 43, 1961,
pp 131-152.

UKAEA-Risley-Tr-418
Available on loan only

Jul 63
Sci - Phys

The Electric Power Supply of the Netherlands
in 1960, by H. Giesberg, 11 pp.

DUTCH, per, De Ingenieur, Vol LXXIII, No 43,
1961, pp 591-596, CALL NO. RA4 I59.

Army Map Service

Sci - Engr

Wetbr - The Netherlands

Econ

19 Jun 62

200,994

Klopf, A.
GAS ANALYSIS IN VACUUM SYSTEMS. [1963] 11p.
Order from ATS \$15.00
SLA #1.60
Trans. of Ingenieur (Netherlands) 1962, v. 74, no. 34,
p. 72-78.

ATS-75Q69G
63-20350

DESCRIPTORS: *Vacuum systems, *Gas analysis.

(Engineering--Chemical, TT, v. 10, no. 8)

63-17732

- I. Klopf, A.
- II. ATS-75Q69G
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Balder, T.
THE INFLUENCE OF THE PELTIER-EFFECT IN
RESISTANCE WELDING (De Invloed van het Peltier-
Effect bij Weerstandlassen). [1963] [16p] (foreign
text included) 5refs
Order from SLA \$1.60

63-20048

Trans. of de Ingenieur (Netherlands) 1962, v. 74,
no. 48, p. E153-E156.

DESCRIPTORS: *Resistance welding, *Welds, Peltier
effect, Electric currents, Thermo-electricity,
Tensile properties, Electron tubes.

The influence of the Peltier effect in resistance welding.
The strength of a weld of unequal materials made by
resistance welding depends on the direction of the
welding current. In the contact surface of the weld
Peltier heat is created or removed proportional to the
(Metallurgy, TT, v. 10, no. 11) (over)

63-20048

I. Balder, T.

Office of Technical Services

Symposium on "Stirring". I. General Introduction to the Symposium, by J. G. Van de Vusse, DUTCH, per, Ingeniur, Vol LXXV, No 33, 1963, CH 27-CH 35.
SLA TT 64-16683

Sept 66

309,097

Creep in Concrete, by N. J. Heijt.
GERMAN, per, De Ingenieur, No 5, 1963, pp 1-10.
GB/10/3376

Sci - Engr
Jul 64

262,553

Creep Phenomena in Structural Components, by
J. F. Besseling.
DURCH, per, Ingenieur, Vol 75, 3 May 1963,
pp 51-57.
(TNS. 1302)
CMB 4127

313,328

Sci - Materials
Nov 66

Symposium Crystallization. III.
Crystallization of Naphthalene and Anthracene
in the Brush-Crystallizer, by P. J. C.
Kassamirood, 10 pp.
BUTCH, par, de l'ingenieur, Vol 75,
No 49, 1963, pp CH85-CH91.

336342

Sci
Aug 67

TT-65-13420

Field 7A

Kosters, W. C. G.
THE EXTRACTION OF AROMATIC HYDROCARBONS,
ESPECIALLY WITH SULFOLANES. 10p. 6 refs.
Order from SLA: \$1.10 as TT-65-13420

Trans. of de Ingenieur (Netherlands) v76 n43 p58-62 1964.

MR 655

Determination of Temperature Distribution
in Solidifying Steel Ingots by Means of
Numerical Computation, by C. L. Bijl,
P. Hollander.

DUTCH, per, De Ingenieur, Vol 76, No 16,
1964, pp 65-73.

BISI 4305

GB 41/4305-1509.)

Sci/MMM

Dec 65

293,161

Study of the Stopping Power of Various
Filters, by Guy Madelaine,
FRENCH, rpt, Ingenieur CNAM, 1964.
9230441

REC - NP-Tr-1287

Sci-Engr
Dec 65

293,366

Investigation of Turbulent Flow in Tubes of Non-
Circular Cross-Section, by J. Nikuradse.

GERMAN, per, Ingen Arch, Vol I, 1930, pp 306-332.

TPA3/TIB/T 4288

Scientific - Engineering

13,265

Effect of Curved Surfaces on Turbulent Boundary
Layers, by H. Wilcken.
GERMAN, per, Ingenieur-Archiv, Vol 1, No 4,
1930, pp 357-376.
NASA TT F-11,421

Sci/Phys
Mar 68

351,160

The Stresses in a Bellows Joint, by K. Stange.

GERMAN, per, Ingen Arch, No 2, 1931, pp47-92.

TI.L. T-4644

Sci - Engineering

34, 475

May 1956

ACC SCL-T-358

A. Raden

*Curling of an unstable discontinuity surface. Ph.D.
thesis. 51pp.*

GERMAN, per, Ing. - Arch. Vol 2, 1931, pp 140-162.

NASA TT F 14,230

july 78

Göttingen, Betz.
DIAGRAMS FOR THE CALCULATION OF A SERIES
OF BLADES. [1963] [23]p. 5 refs.
Order from SLA \$2.60

63-14482

Trans. of Ingenieur-Archiv (Germany) 1931, v. 2,
p. 359-371.

DESCRIPTORS: *Turbine blades, *Vortices, *Fluid
flow, Turbulence, Velocity, Conformal mapping,
*Mechanical engineering, Design, Numerical analysis.

The field of a vortex series in which one vortex is
omitted is represented in the form of curves. Further,
an example of the application of these curves is given
for the determination of blade series, where different
methods are used, depending on the condition and the
degree of accuracy required. (Author)

(Engineering--Mechanical, TT, v. 10, no. 4)

63-14482

I. Göttingen, B.

Office of Technical Services

Vane Guide for the Deflection of Fluid Flows With
Small Energy Losses; by G. Huber

GERMAN, N.A.C.A., Technical Memoranda No 722,
Ing Archiv, Vol III, No 6, 1932.

TPA3/TIB T.2042

Scientific - Engineering
CSB/DEX

5867

Some Examples of Electrical Determination of Stress,
by C. B. Biezeno.

GERMAN, per, Ing Arch, Vol IV, 1933, pp 384-393.

INSDOC-72179

Sci
Apr 59

84,775

The Effect of Rounding-Off and Originally Sharp
Leading Edge on the Resistance of Wings, by E.
Wolff, 11 pp.

GERMAN, per, Ing Arch, Vol IV, No 6, Dec 1933,
pp 537-583.

SLA 58-497

Sci

Aug 59

95, 216

On an Extension of Prandtl's Diaphragm Analogy,
by W. Baucsfeld

GERMAN, Eng. Arch., Vol V, No 1, 1934,
pp 69-82.

1
Nat'l Res Council Canada TT 15

Scientific - Engineering
Jul CIS/DEK

Price 0.25

15,607

Influence of Type and Dimensions of Pressure Hole on
the Recorded Static Pressure, by A. Haden

MANUSCRIPT, per, Ing-Arch, Vol VII, No 1, to 31-41.

TPA3/TID T.430

Scientific - Engineering
1/7/41

5750

Vibration Frequencies and Vibration Modes of
Curved Beams, by F. W. Waltham, 36 pp.

GOVT. USE ONLY

GERMAN, per, Ingenieur - Archiv, 5, 1934,
pp. 429-449.

ESTIC-714

GE

Sci/Mech. Eng.

Nov 67

342,430

Deflection of a Circular Liquid Jet on a Plane
Plate normal to the Stream, by H. Schach,
19 pp.

GERMAN, per, Ingenieur Archiv, No 6, 1935,
pp 51-59. P200260668-V

RSIC-805

GOVERNMENT USE ONLY

Sci/Phy
Nov 68

368,915

The Principle of the Potential Theory Applied
to the Circular Wing, by E. Kinner.
GERMAN, per, Ingenieur Archiv, Vol 8, 1937,
pp 47-80.
NLL Ref:5809.95 (trans 2345)

Sci-Phys
Feb 70

400,443